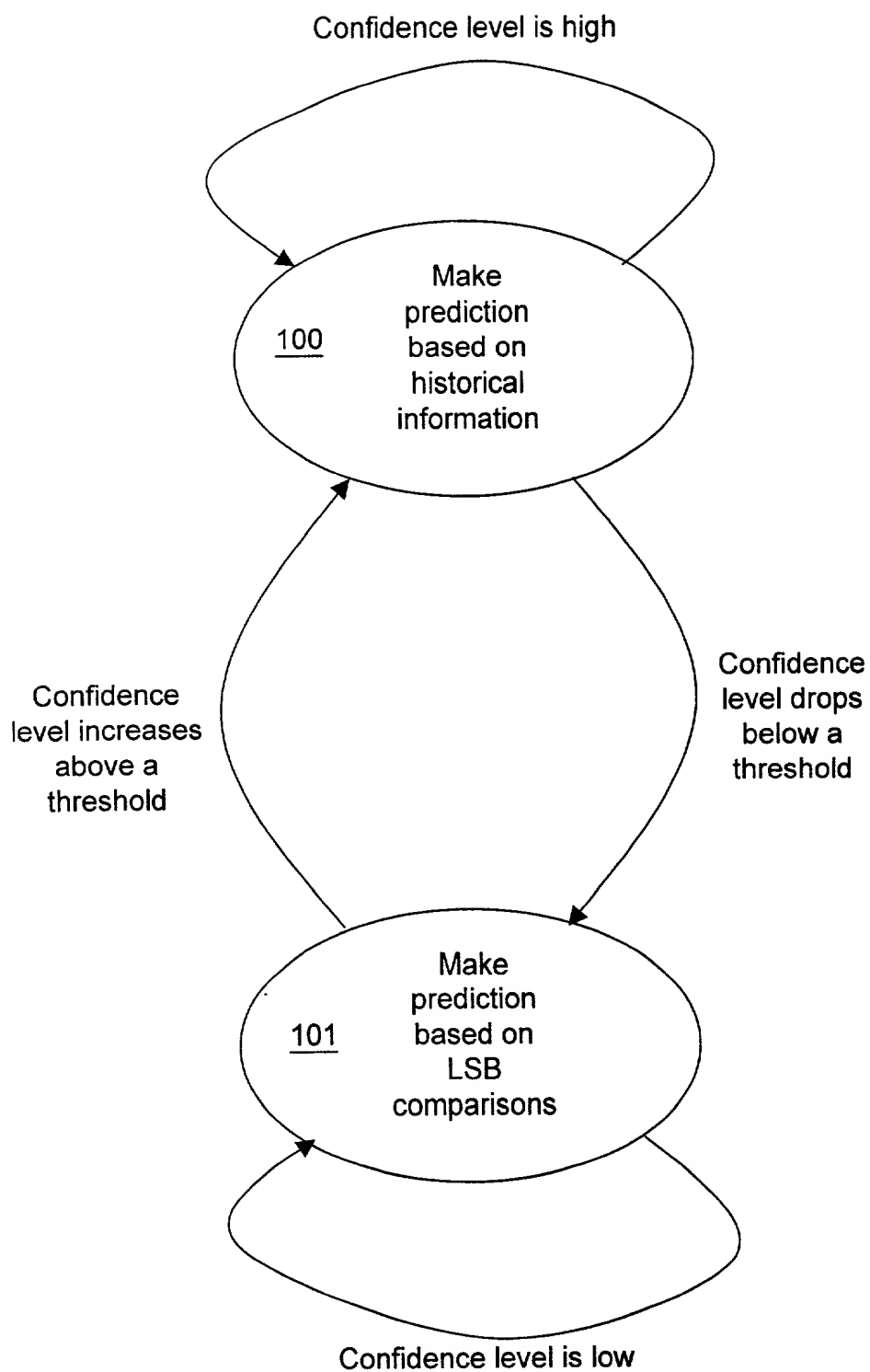
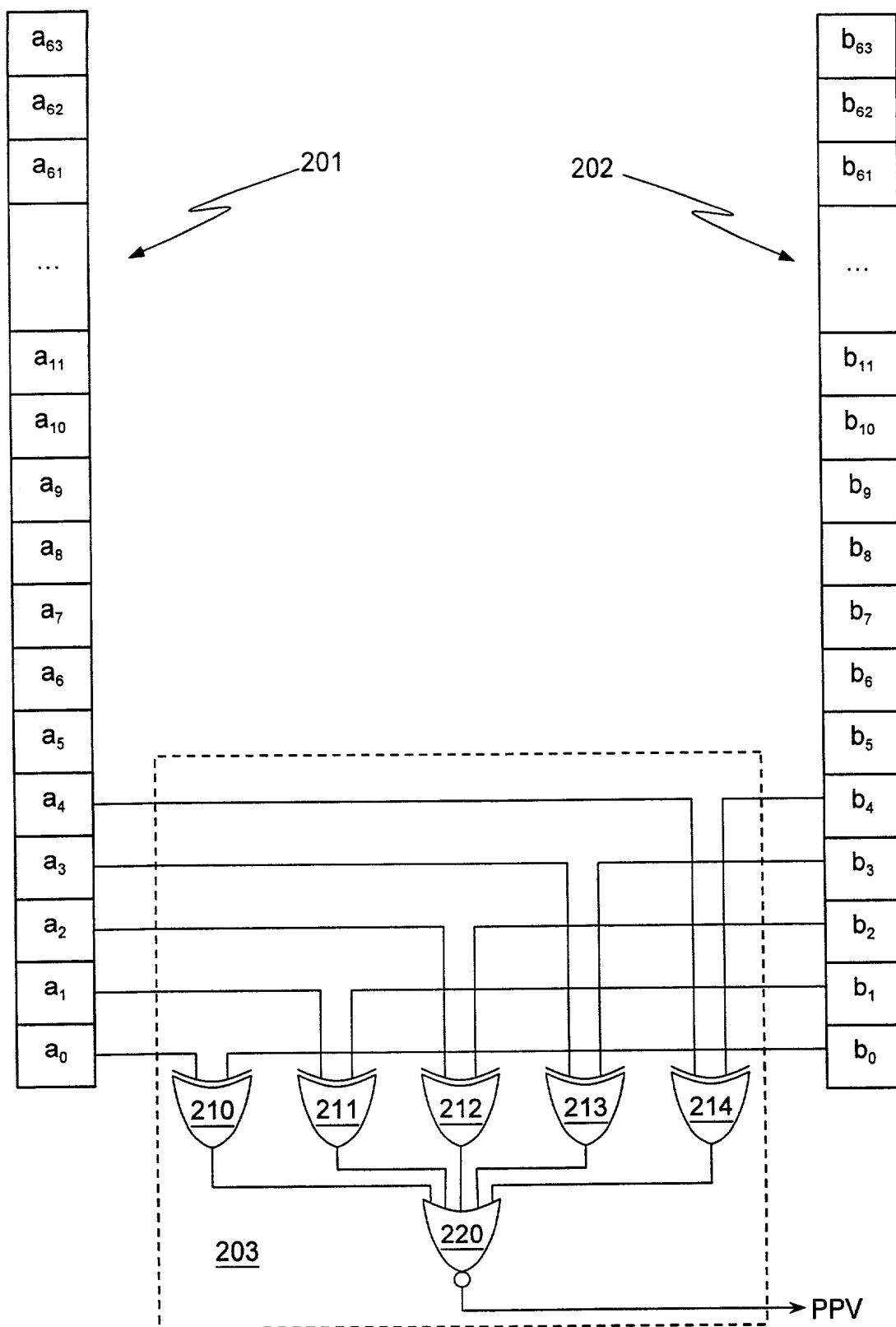
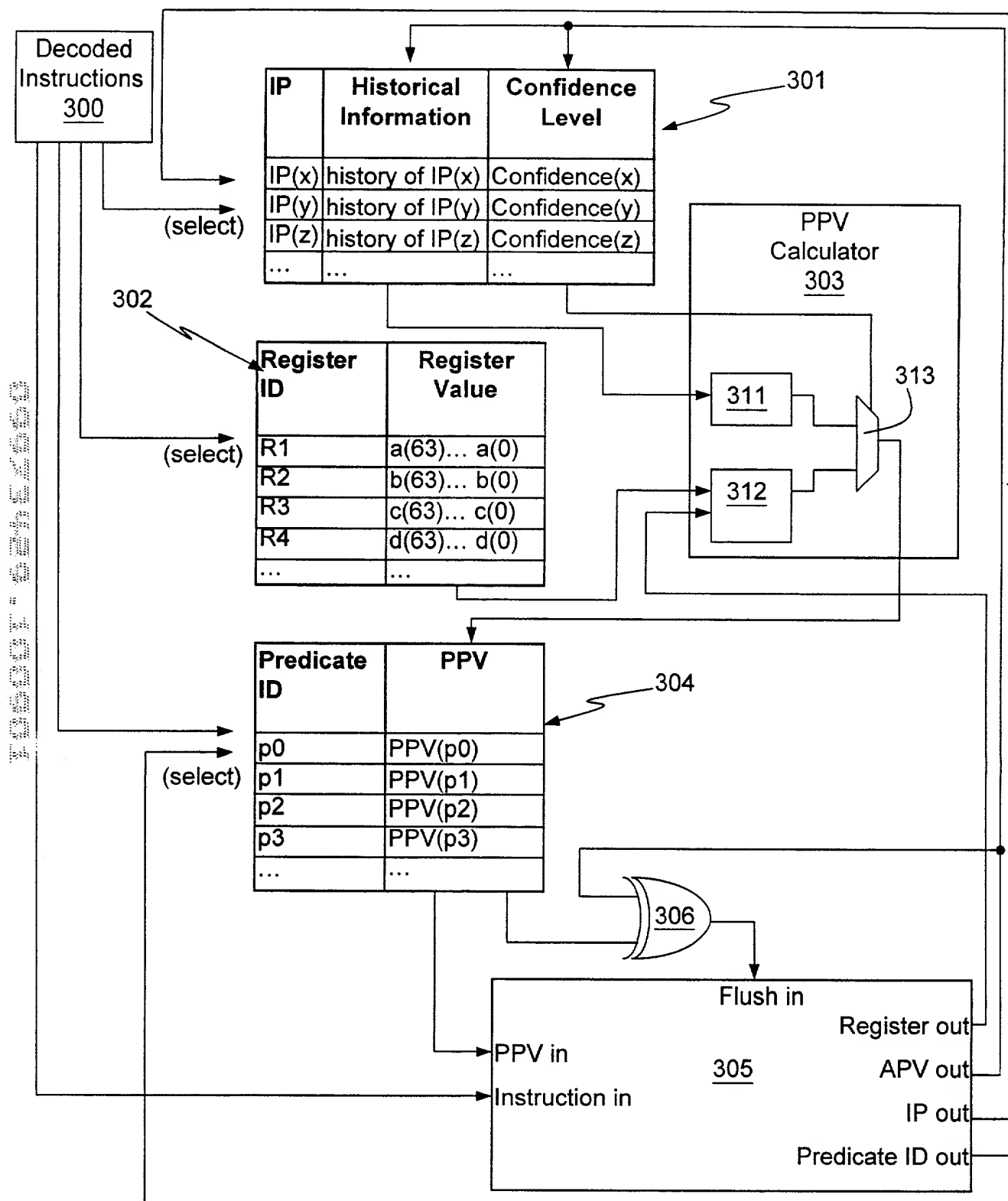


[illegible]

## Figure 1



**Figure 2**



**Figure 3**

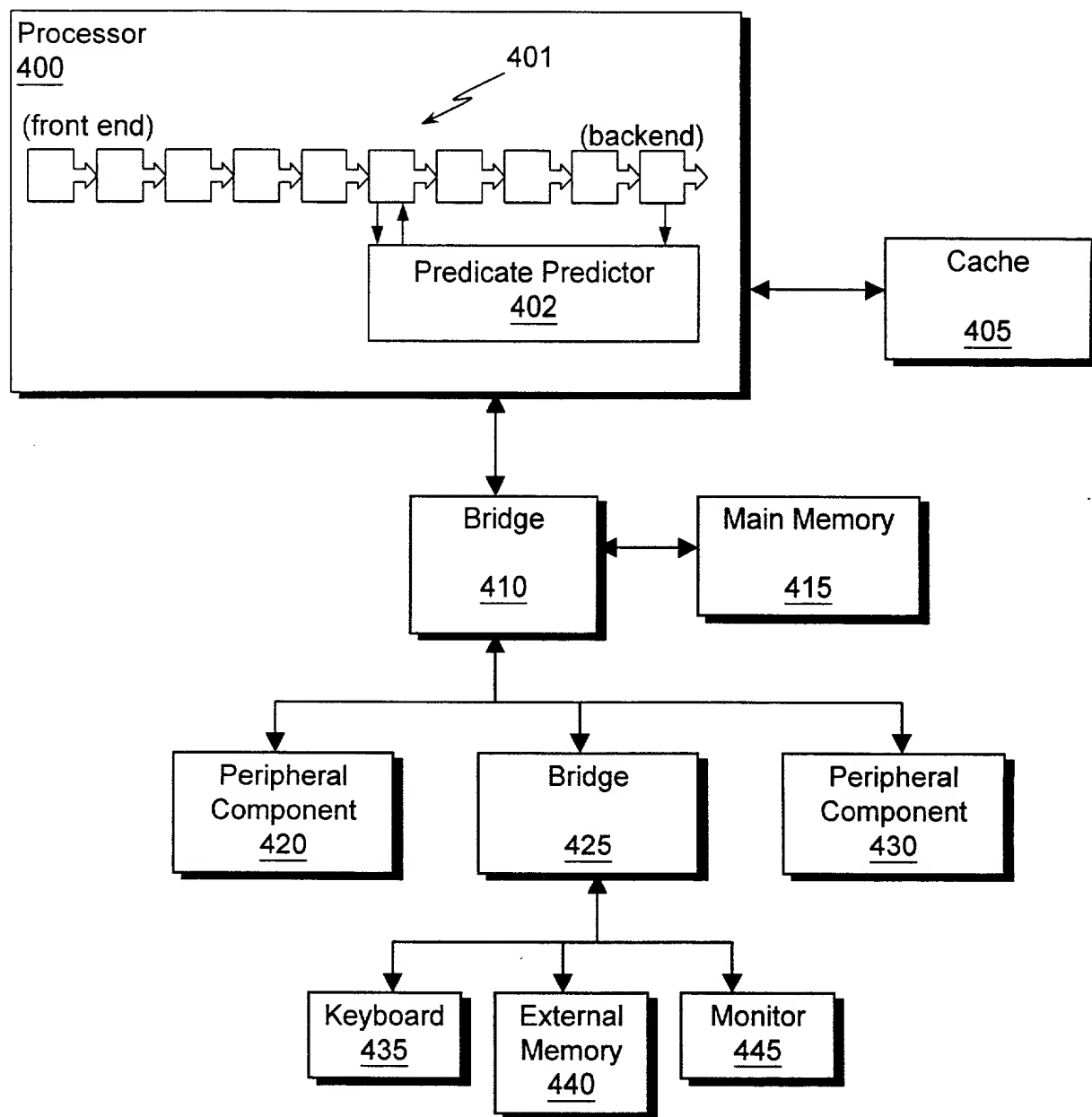


Figure 4

```
graph TD; Begin([Begin]) --> 510[Determine a confidence level in the ability of the predicate predictor to accurately calculate a PPV for a predicate based on historical information. 510]; 510 --> 515{Is the confidence level less than a threshold value? 515}; 515 -- Yes --> 525[Determine the PPV by comparing the LSBs of the first operand to the LSBs of the second operand of the compare instruction. 525]; 515 -- No --> 520[Determine the PPV using the historical information. 520]; 525 --> End([End]); 520 --> End;
```

## Figure 5